



Repairing Asus VivoBook S551L Screen hinge

Repair a stiff screen hinge before it breaks. Do it as soon as you ear some cracking when opening or closing the screen.

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INTRODUCTION

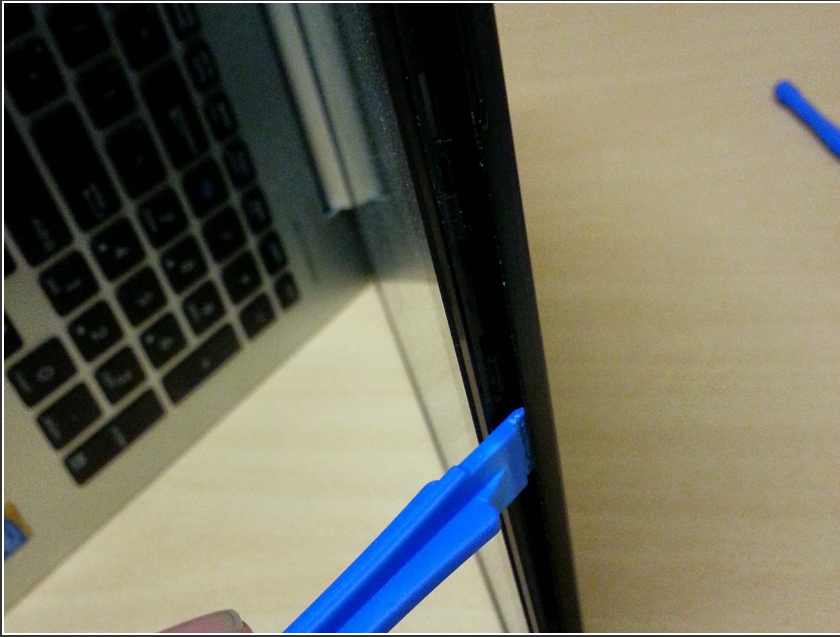
Repair a stiff screen hinge before it breaks. Do it as soon as you ear some cracking when opening or closing the screen.

Step 1 — The big snap



- For a couple of months I was hearing some cracking when opening my laptop but never paid much attention. Big mistake. The left hinge was getting stuck, twisting the plastic cover corner to its limit. Until the hinge completely blocked today and the screen top snapped and slightly opened, as you can see in the picture.

Step 2 — Wrong way...



- As the screen cover was already slightly open, the first thing I tried was to finish opening it. Don't do this! It has some hidden screws so you need to start by removing the laptop bottom cover.

Step 3 — From the bottom



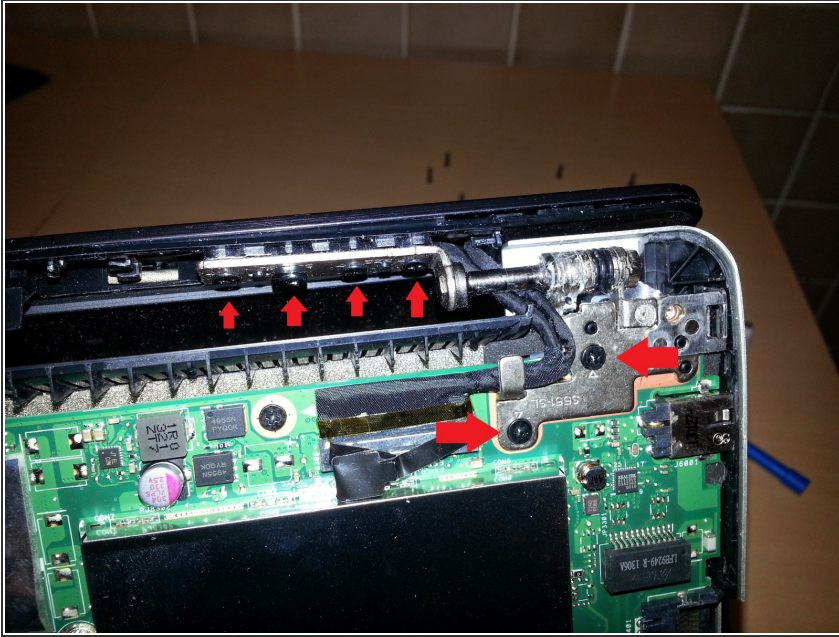
- You need to start from the laptop bottom cover, return it and place it bottom up on the table, then remove the bottom cover's 10 screws, the bottom cover comes out pretty easy.
- Then remove the round plastic protection (see picture). This wasn't so easy, it was kind of twisted with a few fixation tags broken, but after a while I managed to get it out.

Step 4



- Now I can see the hinge that is causing the problem and the broken plastic around it.

Step 5 — Finally, the hinge



- Remove the 6 screws to take out the hinge. There is also one screw below the screens cover securing the hinge but in my case it was broken. If its still in place then you need to take out the screen cover now. There are a few screws to remove but I'm not sure where, as I didn't need to take it out.
- Once you have the hinge in your hand check if its broken. If not then use a strong pliers and loosen the 6mm bolt until it moves easily. Remember that it must resist a minimum to rotation so that the screen doesn't fall on its own, when you open the laptop to work.
- I had to make mine pretty soft in order to prevent the already twisted plastic from breaking completely.
- Now you just have to put it all together and you're finished.
- And remember: if it starts cracking, fix it as soon as possible!

To reassemble your device, follow these instructions in reverse order.